Work Order ID 55048

January 5, 2010 1:51:00 PM

Quality Control



Page 1

D3705-1 Item ID: Accept Setup Start Revision ID: Stop MAIN PANEL Item Name: Start Qty: 4.00 Start Date: 05/01/2010 Cust Item ID: @equired Date: 15/01/2010 Reg'd Qty: 4.00 Customer: Leference: Start Run Date:0-1-05 Approvals: Process Plan: Tooling: Date: Stop SPC (Y/N): OC: Date: Date: Sequence ID/ Operation Reject Set Up/ Draw Draw Plan Accept Reject Insp. Work Center ID Description Code Run Hours Number Rev. Oty Qty Number Stamp Draw Nbr Revision Nbr D3705 Rev C 100 0.00 FLOW WATER JET AB 10-1-7 0.00 Waterjet Memo Prog Rev: 1-Cut as per Dwg D3705 Dwg Rev: FLOW CNC Waterjet *** grain direction along 21.97"*** 2- Deburr if necessary QC2- Inspect parts off machine FAI/FAIB 110 0.00 A310-1-7 0.00 Memo Quality Control 120 QC8- Inspect parts - second check 0.00 0.00 QC Memo

W/O:			WO	RK ORDER CHANG	SES				
DATE	STEP	PR	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Categ	gory:	_ NCR: Ye	s No DQ	A:	_ Date: _	4-3
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DATE	STEP		Initial Chief Eng	Action Description Chief Eng	Sigr Da	1 & Sect	ion C		QC Inspector
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Work Order ID 55048

January 5, 2010 1:51:00 PM



Page 2

Item ID:

D3705-1

Accept

Setup Start

Stop



Revision ID:

Item Name: MAIN PANEL

Required Date: 15/01/2010

Start Date:

05/01/2010

Start Qty: 4.00

Req'd Qty: 4.00

Cust Item ID: Customer:

Reference: Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

130

Small Fab

Small Fab

Operation Description

Small Fab

Set Up/ Run Hours

0.00

0.00

Memo

1-COUNTER SINK AS PER DWG 2- BEND AS PER DWG D3705

Number

Draw

Draw Plan Rev. Code

Accept Qty

Reject Qty

Reject Insp. Number

Stamp

140

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

150

Packaging

Identify as per dwg & Stock Location:

U 10:03.18

Memo

0.00

0.00

Packaging

space Ltd	d								
			wo	ORK ORDER CH	ANGES				L
STEP		PR	OCEDURE CHA	NGE		Ву	Date Q	ty Approval Chief Eng / Prod Mgr	Approva QC Inspecto
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	P.	AR #:	Fault Cate	gory:	NC	R: Yes	No DQA:	Date: _	
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STEP			Initial Chief Eng	Action Descrip Chief Eng	otion	Sign 8 Date	Section C		QC Inspecto
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8	TEP	TEP PARESOLUTION: Description	PAR #:	PAR #: Fault Cate Resolution: Dispositio WORK ORD STEP Description of NC Section A Initial	PAR #: Fault Category: Resolution: Disposition: WORK ORDER NON-CONFO STEP Description of NC Section A Initial Action Description	WORK ORDER CHANGES TEP PROCEDURE CHANGE PAR #: Fault Category: NC Resolution: Disposition: QA WORK ORDER NON-CONFORMANCI WORK ORDER NON-CONFORMANCI STEP Description of NC Section A	WORK ORDER CHANGES TEP PROCEDURE CHANGE By PAR #: Fault Category: NCR: Yes Resolution: Disposition: QA: N/C CI WORK ORDER NON-CONFORMANCE (NCF WORK ORDER NON-CONFORMANCE (NCF STEP Description of NC Section A Initial Action Description Sign 8	WORK ORDER CHANGES TEP PROCEDURE CHANGE By Date Q PAR #: Fault Category: NCR: Yes No DQA: _ Resolution: Disposition: QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC	WORK ORDER CHANGES TEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr PAR #: Fault Category: NCR: Yes No DQA: Date: Resolution: Disposition: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) WORK ORDER NON-CONFORMANCE (NCR) TEP Description of NC

Work Order ID 55048

January 5, 2010 1:51:00 PM



Page 3

Item ID:

D3705-1

Revision ID:

Item Name: MAIN PANEL

Start Date:

05/01/2010

Required Date: 15/01/2010

Start Qty: 4.00 Reg'd Qty: 4.00



Accept



Setup Start



Stop



Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Run

Sequence ID/ Work Center ID

160

Quality Control

Operation Description

QC21- Final Inspection - Work Order Release

Memo

Set Up/ Run Hours

0.00

Draw Number

Cust Item ID:

Customer:

Draw Plan Rev. Code

Accept Qty

Reject Qty

Reject Number Stamp

Insp.

0.00

W/O:			WO	RK ORDER CHANG	iES		-		2/45	Dale Service
DATE	STEP	PR	OCEDURE CHAN		В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:								
NCR:				R NON-CONFORM						
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		gn & Date	gn & Section C		Chief Eng	QC Inspector

Picklist Print

January 5, 2010 1:51:04 PM

Work Order ID: 55048

Parent Item: D3705-1

Parent Item Name: MAIN PANEL

Comments:



Start Date: 05/01/2010

Required Date: 15/01/2010

Required Qty: 4.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID Purch Bin Schnary Item Mocation

Last Location

Route Seq ID Unit of Qty on Measure Hand

Remaining Qty
Qty To Pick Issued

Start Qty: 4.00

Date Issued

Status

Page 1

M6061T6S.080

Purchased

No

sf

275.3809 8 6400

R10-1-7

6061-T6 .080 Sheet

Warehouse Loc Qty Loc Code Location Main Warehouse MAT 275.38087 110630 33.5136 0.86727

113438

112141 113438

241

W/O:			WO	RK ORDER CHANG	ES			120
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DART AEROSPACE LTD	Work Order:	55048
Description: Main Panel	Part Number:	D3705-1
Inspection Dwg: D3705 Rev: C		Page 1 of 1

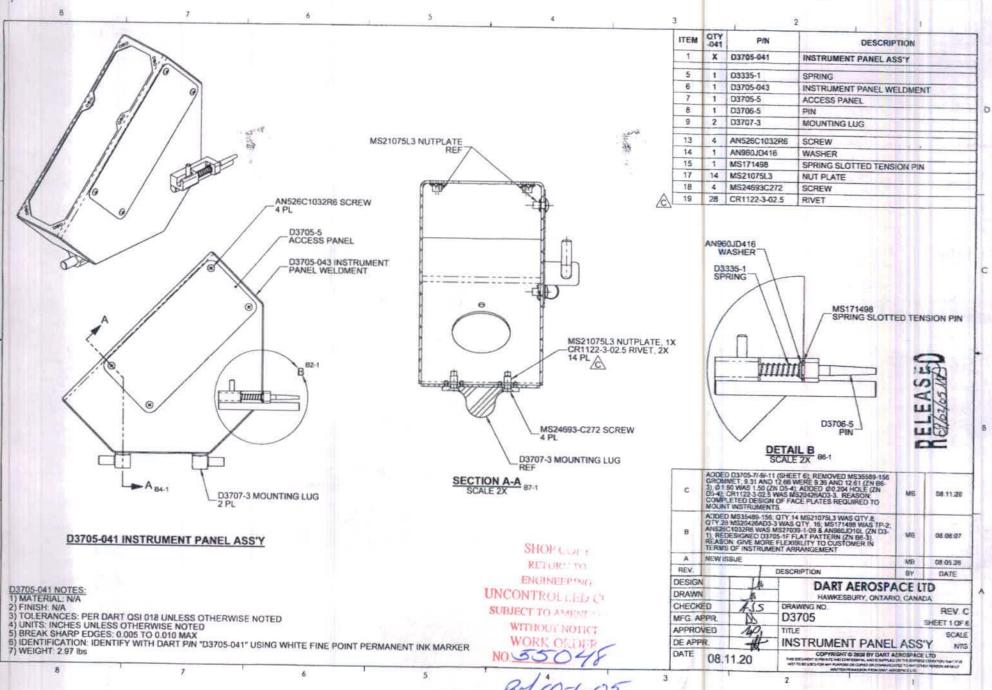
FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

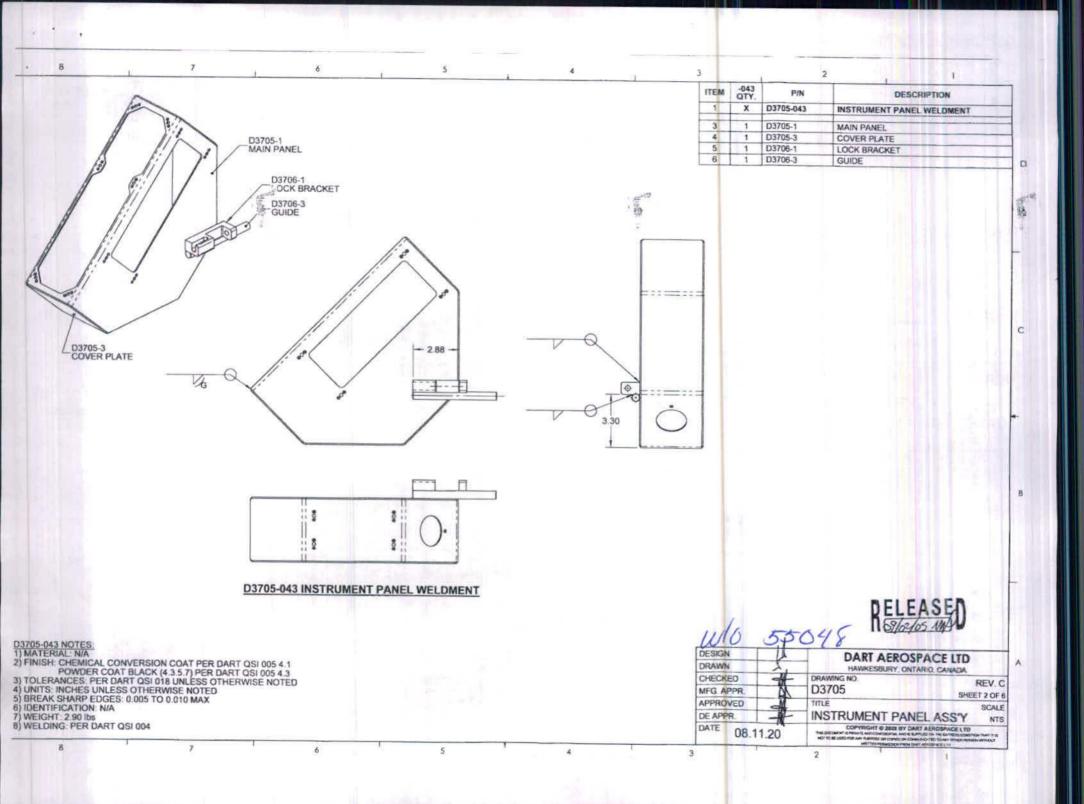
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.098	1+0.004/-0.001	-101	87			
Ø0.201	+0.005/-0.001	106	*			
4.375	+/-0.010	4.380	×			
9.31	+/-0.030	9.322	8			
9.560	+/-0.010	9.561	*			
12.414	+/-0.010	12.414	Y			
12.66	+/-0.030	12.66	Y			2
13.598	+/-0.010	13,600	A			
13.85	+/-0.030	13,85	V.			
16.85	+/-0.010	16.85	X0			
17.098	+/-0.010	17.100	X			
17.598	+/-0.010	17,600	2			
21.97	+/-0.030	21.97	L			
0.375	+/-0.010	< 384	×			
0.573	+/-0.010	- 573	8			
4.00	+/-0.030	4,009	¥			
4.375	+/-0.010	4.386	*			-5-
8.31	+/-0.030	8.314	X			
8.625	+/-0.010	8,673	8			
8.94	+/-0.030	8.944	85			
9.125	+/-0.010	9.125	8			
12.50	0.030	12.50	×			
12.927	+/-0.010	12.927	2			
					100	

Meas	ured by:	B	Audited by:	8	Prototype Approval:	N/A
Date: 10-1-7		Date:	10/01/07	Date:	N/A	
Rev	Date	Change		-	Davingd by	
A	09.05.15	New Issue			Revised by	Approved

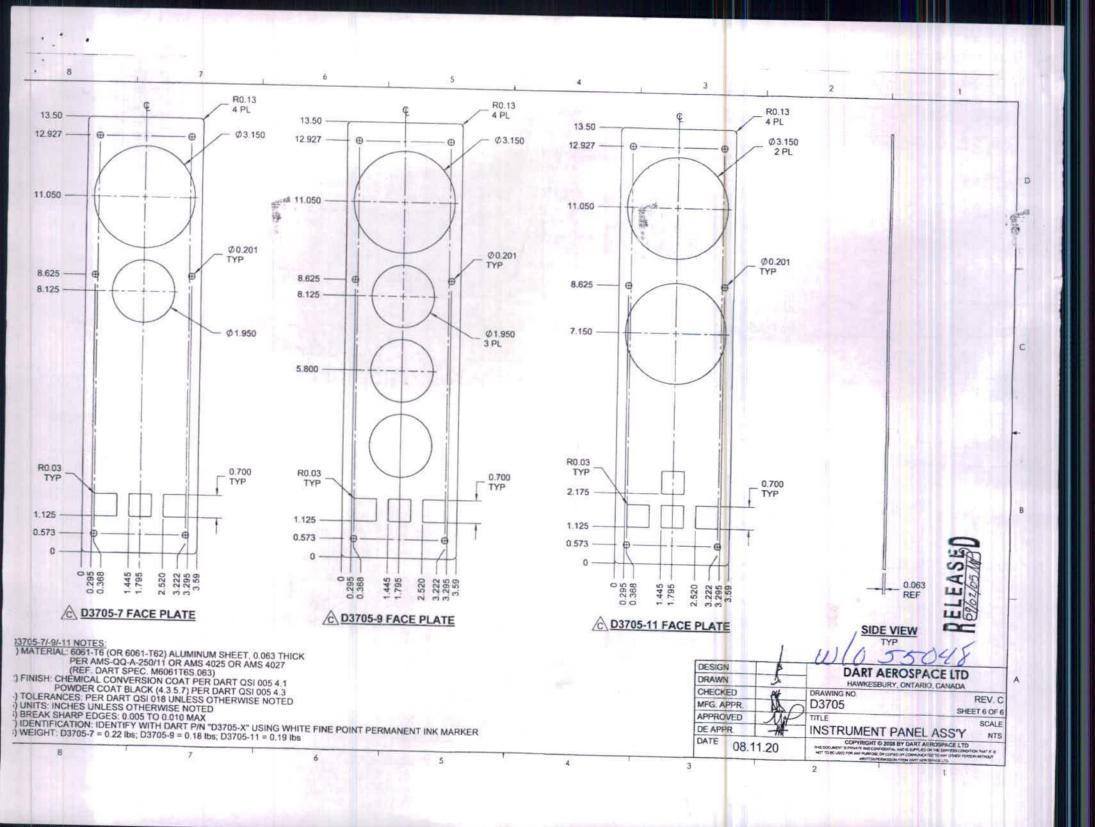
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Dart Aerospace Ltd W/O: **WORK ORDER CHANGES** Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ___ Date: ___ Resolution: _____ Disposition: _____ QA: N/C Closed: ____ Date: ____ WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B Description of NC Verification Approval Approval STEP DATE Sign & **Action Description** Initial Section A QC Inspector Chief Eng Section C Date Chief Eng Chief Eng



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0.040 REF

D3705-5 ACCESS PANEL

D3705-5 NOTES:

1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.040 THICK PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 (REF. DART SPEC. M6061T6S 040)

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT BLACK (4.3.5.7) PER DART QSI 005 4.3

4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 5) UNITS: INCHES UNLESS OTHERWISE NOTED 6) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 7) IDENTIFICATION: IDENTIFY WITH DART P/N "D3705-5" USING WHITE FINE POINT PERMANENT INK MARKER 8) WEIGHT: 0.17 lbs

8

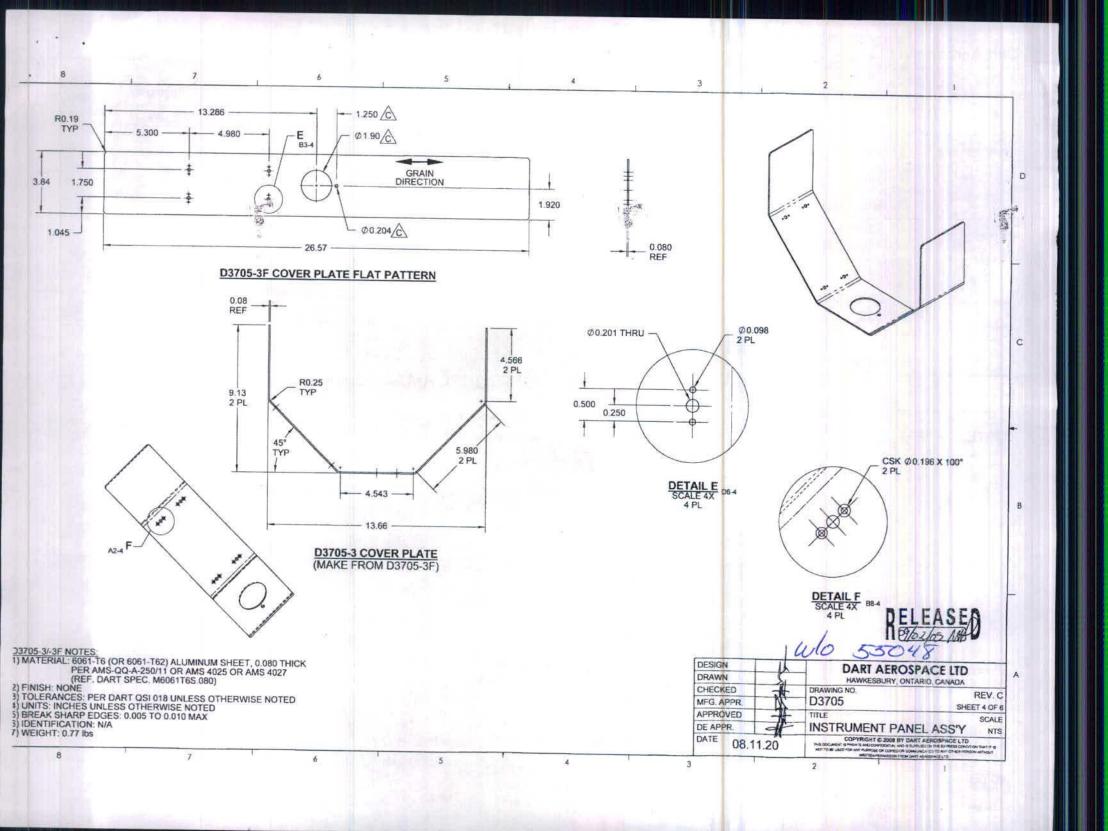
DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA CHECKED DRAWING NO. REV. C MFG. APPR D3705 SHEET 5 OF 6 APPROVED TITLE SCALE DE APPR INSTRUMENT PANEL ASS'Y NTS DATE COPYRIGHT © 2006 BY DART AERICSPACE LTD
THE DOCUMENT IS MINIST AND DOPODETIE. NO III BLUMBED DO THE AST MESS CONCIDENTIAL TO IT
ACT TO BE USED FOR ANY TURBORS ON COMED OR COMMUNICATION TO ARE STREET MESSON WOUNCE. 08.11.20

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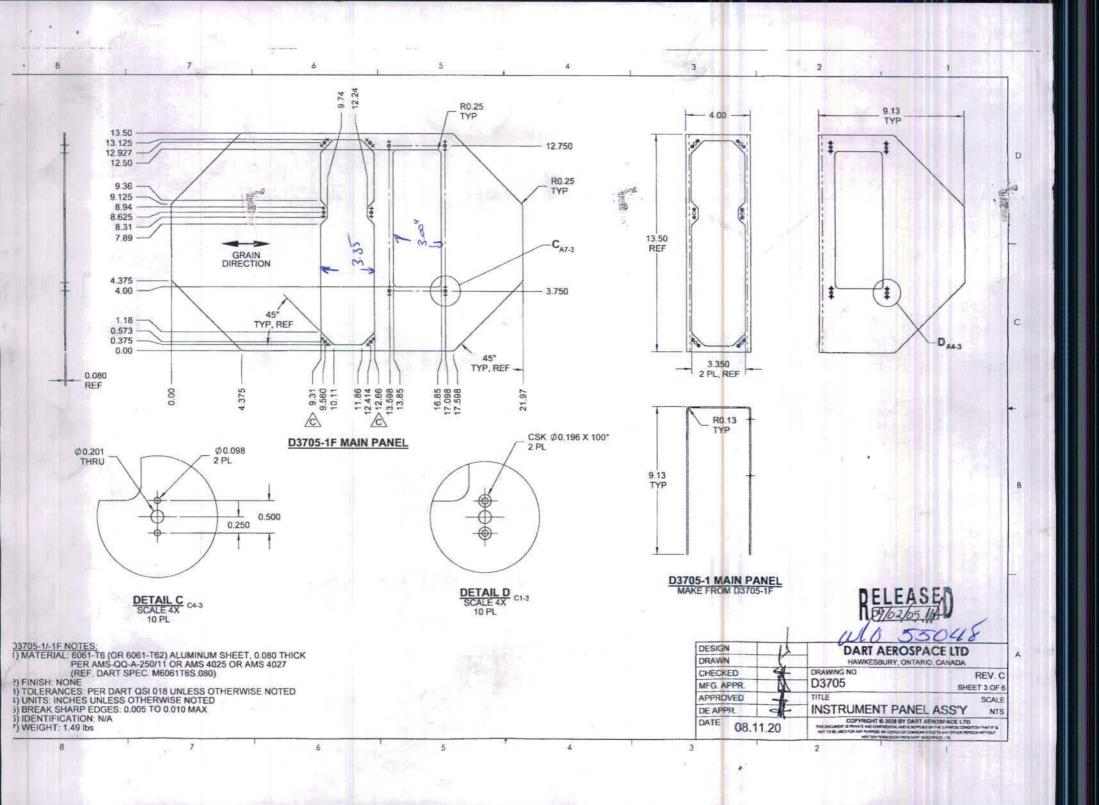
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Dart Aerospace Ltd W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qtv Date Chief Eng / QC Inspector Prod Mar Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ____ Date: ____ Resolution: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) NCR: Corrective Action Section B **Description of NC** Verification Approval Approval DATE STEP Sign & **Action Description** Initial Section A QC Inspector Section C Chief Eng Date Chief Eng Chief Eng



Dart Aerospace Ltd W/O: WORK ORDER CHANGES Approval Approval DATE STEP PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mgr Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ___ Date: ____ Resolution: _____ Disposition: _____ QA: N/C Closed: ____ Date: ____ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B Description of NC Verification Approval Approval STEP DATE Sign & Initial **Action Description** QC Inspector Section A Chief Eng Section C Date Chief Eng Chief Eng



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